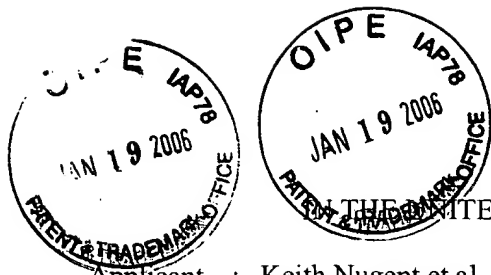


COFC

Attorney's Docket No.: 13113-002001 / FP14339



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith Nugent et al.

Art Unit : 2877

Patent No. : 6,885,442

Examiner : Sang H. Nguyen

Issue Date : April 26, 2005

Serial No. : 09/830,393

Filed : June 7, 2001

Title : PHASE DETERMINATION OF A RADIATION WAVE FIELD

**Certificate**

**JAN 24 2006**

**of Correction**

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REQUEST FOR CERTIFICATE OF CORRECTION

Applicant hereby requests that a certificate of correction be issued for the above patent in accordance with the attached request.

All errors sought to be corrected were made in printing by the Patent and Trademark Office, and no fee is believed to be due.

Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket no. 13113-002001.

Respectfully submitted,

Date:

1/13/06

Denis G. Maloney  
Reg. No. 29,670

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 17, 2006  
Date of Deposit

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Melissa Krussel  
Typed or Printed Name of Person Signing Certificate

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,885,442  
DATED : APRIL 26, 2005  
INVENTOR(S) : ANTON BARTY, DAVID PAGANIN AND KEITH NUGENT

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 9, Line 20, Replace " $(\nabla \perp \emptyset)$ " with --  $(\nabla \perp \emptyset)$  --

Col. 9, Line 25, Replace " $\partial \Pi \partial z$ " with --  $\partial I / \partial z$  --

Col. 9, Line 26, Replace " $\partial \Pi \partial z$ " with --  $\partial I / \partial z$  --

Col. 9, Line 33, Replace " $_{195}$ " with --  $\perp$  --

Col. 9, Line 39, Replace Subscript " $_{195}$ " with --  $\perp$  --

Col. 9, Line 42, Delete " $\partial$ "

Col. 11, Line 19, Replace " $(\perp, \perp)$ " with --  $(\perp, - \perp)$  --

Col. 12, Line 6, Delete " $y$ " after  $\nabla$

Col. 12, Line 55, Replace " $A_1, A_1, A_3,$ " with --  $A_1, A_2, A_3$  --

Col. 13, Line 27, Replace " $\phi(x,y)=F^{-1}\Omega 1/I_0 F^{-1}\Omega F\{I_{\text{aberrated}}(x,y)-1\}$ " with --

$$(20) \quad \phi(x,y) = F^{-1} \bar{\Omega} F \frac{1}{I_0} F^{-1} \bar{\Omega} F \{ I_{\text{aberrated}}(x,y) - 1 \}$$

Col. 15, Line 41, Replace " $10$ " with --  $I_0$  --

MAILING ADDRESS OF SENDER:

Cynthia L. Caramana  
Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110

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Col. 15, Line 46, Replace "dl/dz" with -- dI/dz --

Col. 15, Line 47, Replace "dl/dz" with -- dI/dz --

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$$(20) \quad \phi(x,y) = F^{-1} \tilde{\Omega} F \frac{1}{I_0} F^{-1} \tilde{\Omega} F \{ I_{\text{aberrated}}(x,y) - 1 \}$$

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